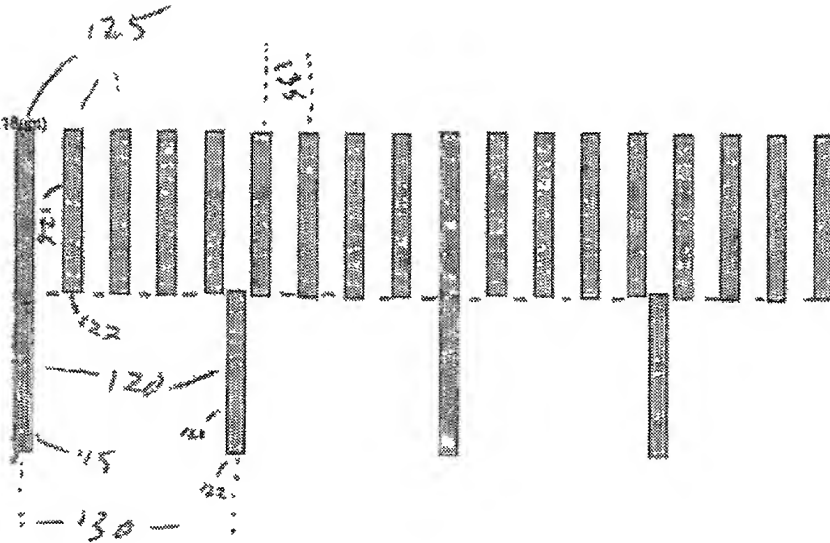


Figure 1.

Feature B  
 (two sizes: 0.13um & 0.18um)



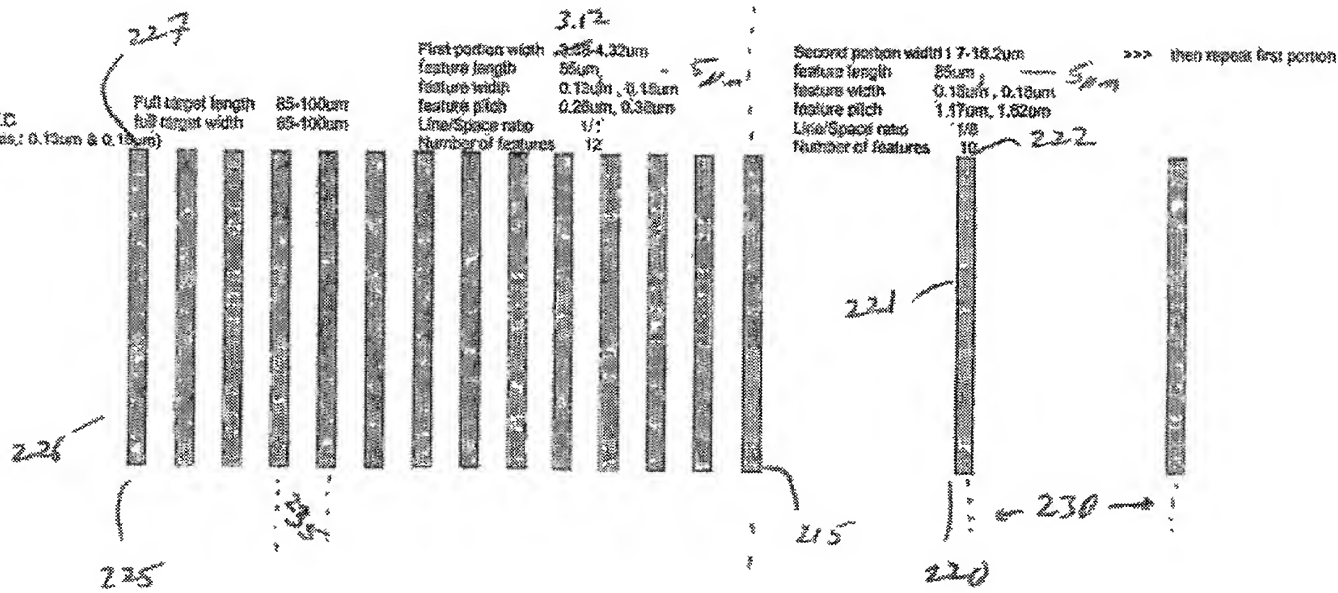
Full target length 85-100um  
 Full target width 65-100um

Top Half  
 feature length 42um  
 feature width 0.13um, 0.18um  
 feature pitch 0.26um, 0.36um  
 Line/Space ratio 1/1  
 Number of features 300-400

Bottom half  
 feature length 42um  
 feature width 0.13um, 0.18um  
 feature pitch 1.17um, 1.62um  
 Line/Space ratio 1/8  
 Number of features 50-90

Figure 2.

Feature C  
 (two sizes: 0.13um & 0.18um)



First portion width 2.25-4.32um  
 feature length 55um  
 feature width 0.13um, 0.18um  
 feature pitch 0.26um, 0.36um  
 Line/Space ratio 1/1  
 Number of features 12

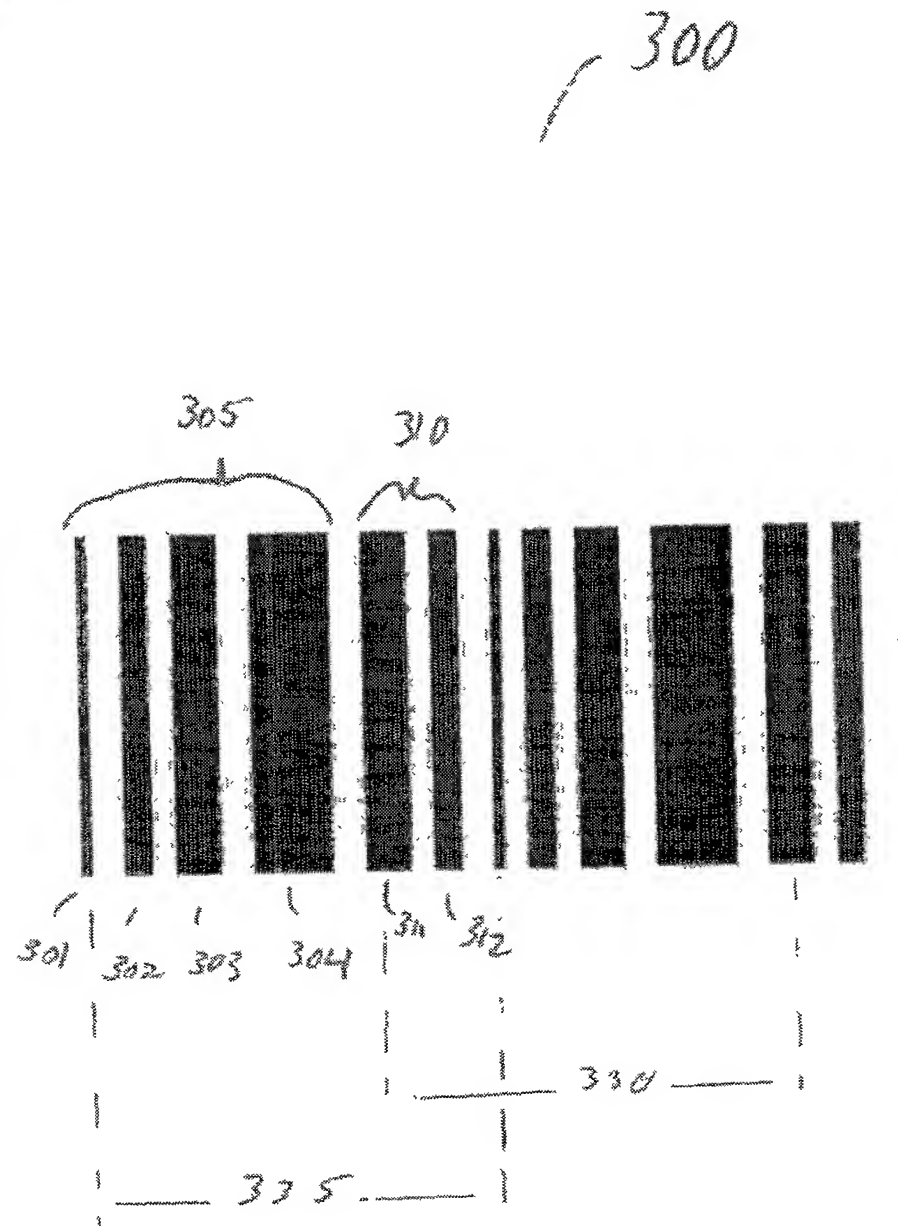
Second portion width 1.7-18.2um  
 feature length 55um  
 feature width 0.13um, 0.18um  
 feature pitch 1.17um, 1.62um  
 Line/Space ratio 1/8  
 Number of features 10

>>> then repeat first portion

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OPTICAL METROLOGY TARGET DESIGN FOR  
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STRUCTURES

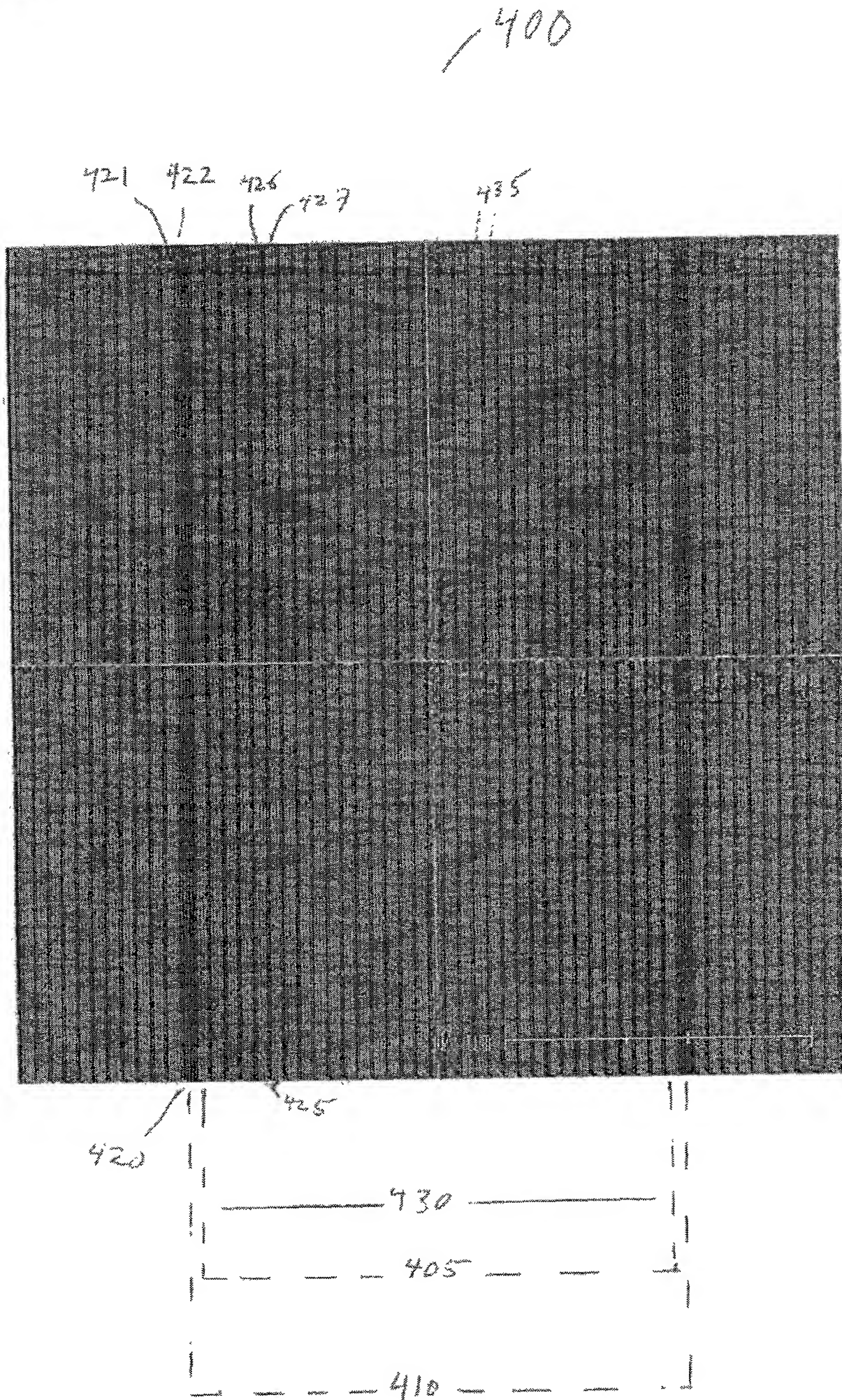
Figure 3.



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OPTICAL METROLOGY TARGET DESIGN FOR  
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STRUCTURES

Figure 4.



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# OPTICAL METROLOGY TARGET DESIGN FOR SIMULTANEOUS MEASUREMENT OF MULTIPLE PERIODIC STRUCTURES

F. g. 5

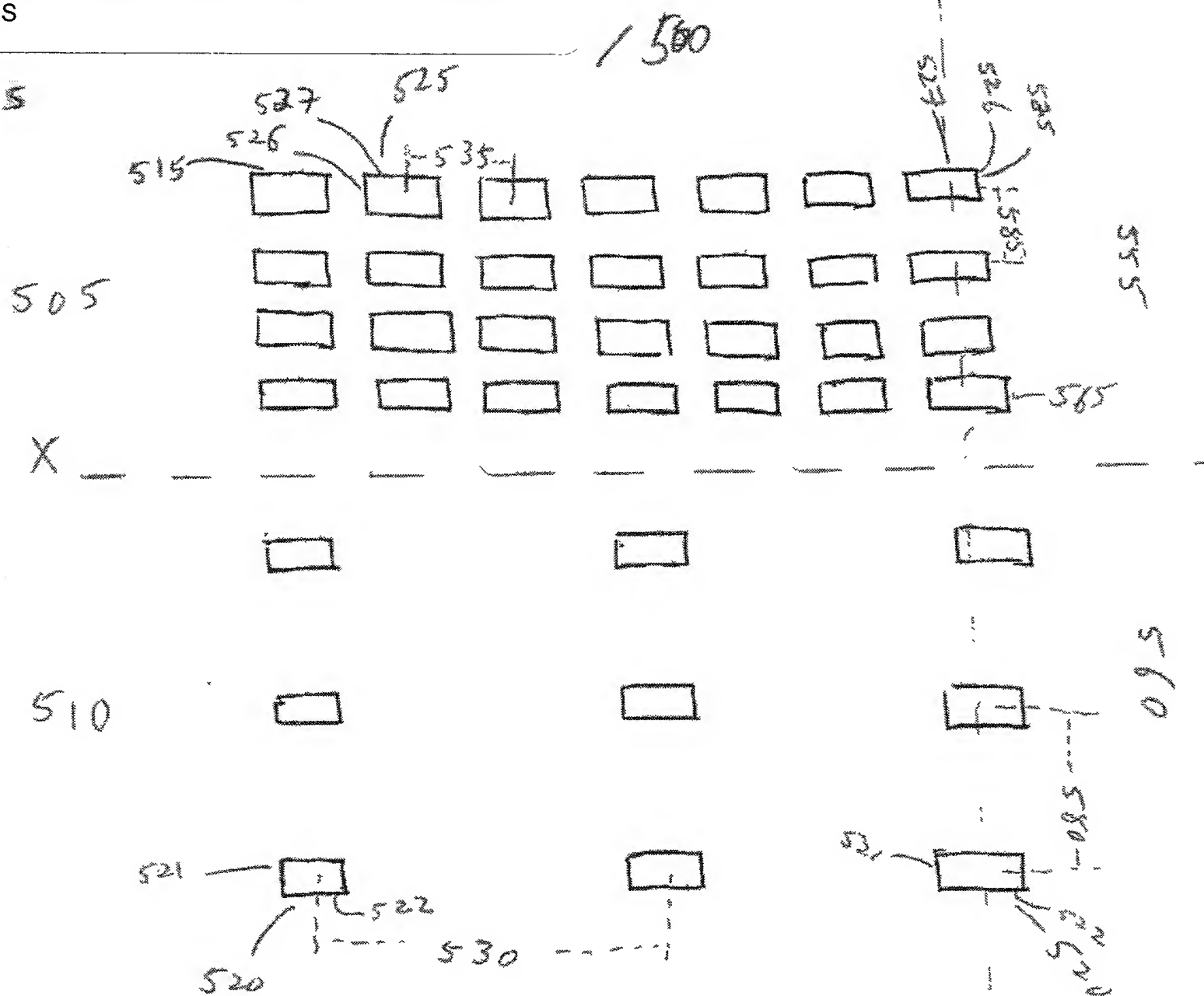
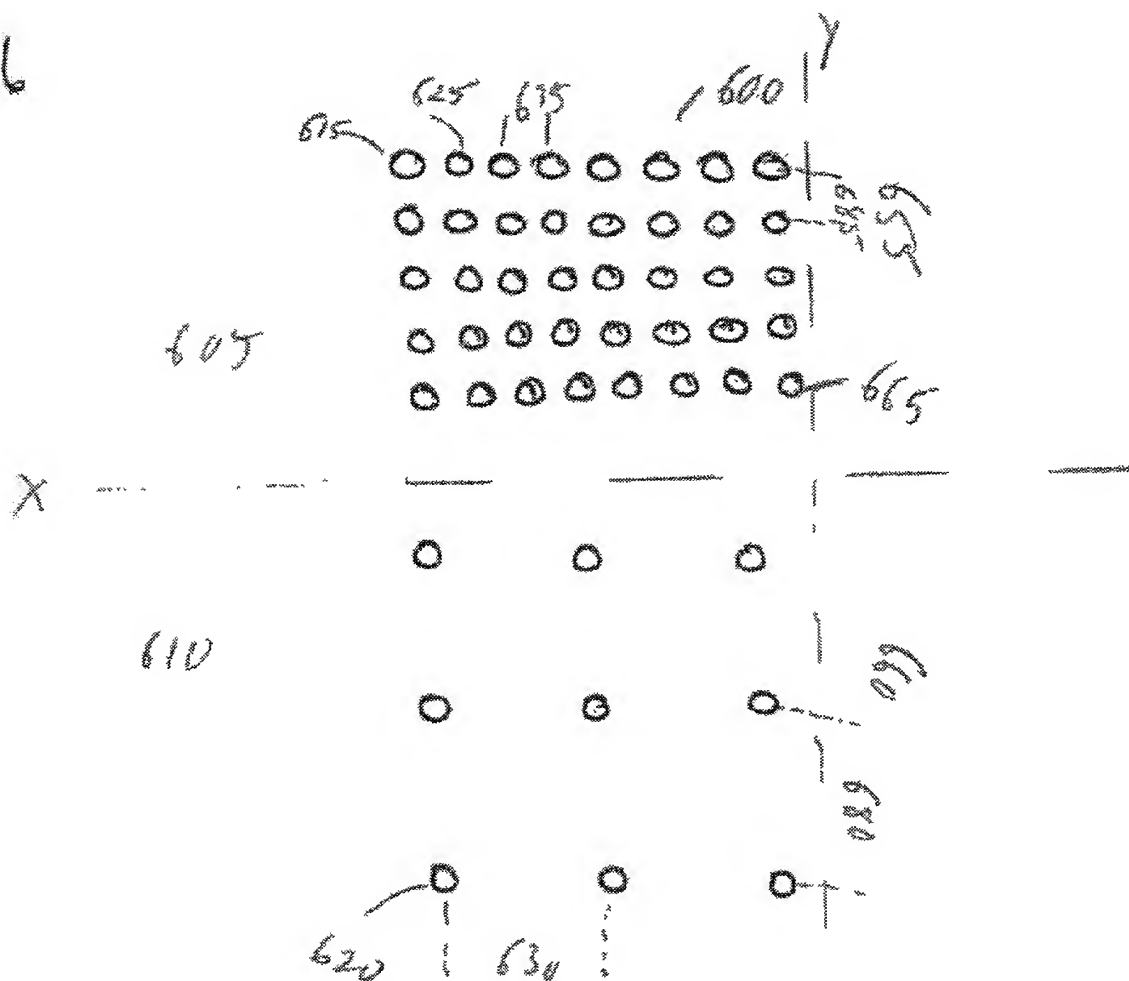


Fig. 6



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OPTICAL METROLOGY TARGET DESIGN FOR  
SIMULTANEOUS MEASUREMENT OF MULTIPLE PERIODIC  
STRUCTURES

Figure 7.

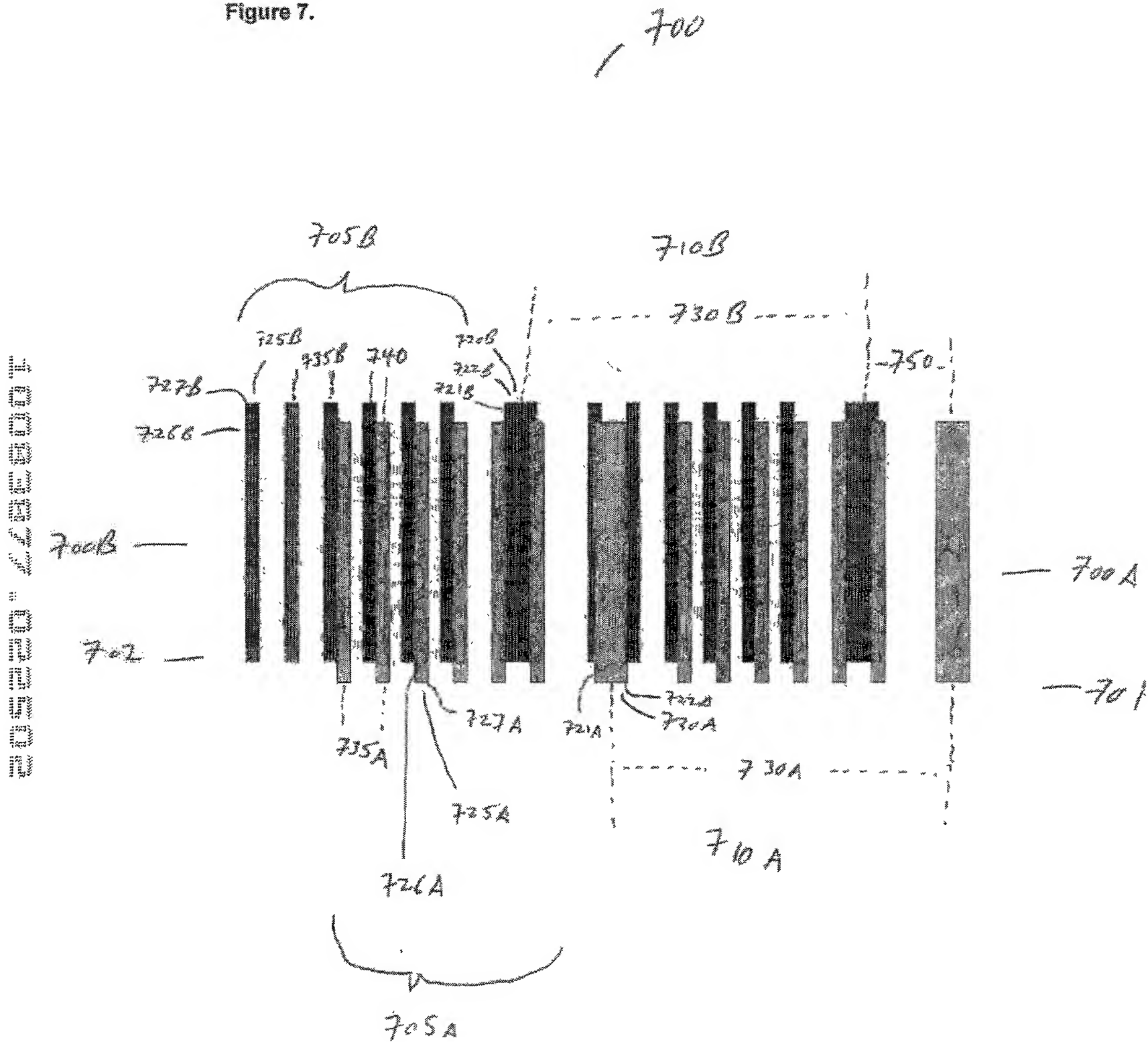
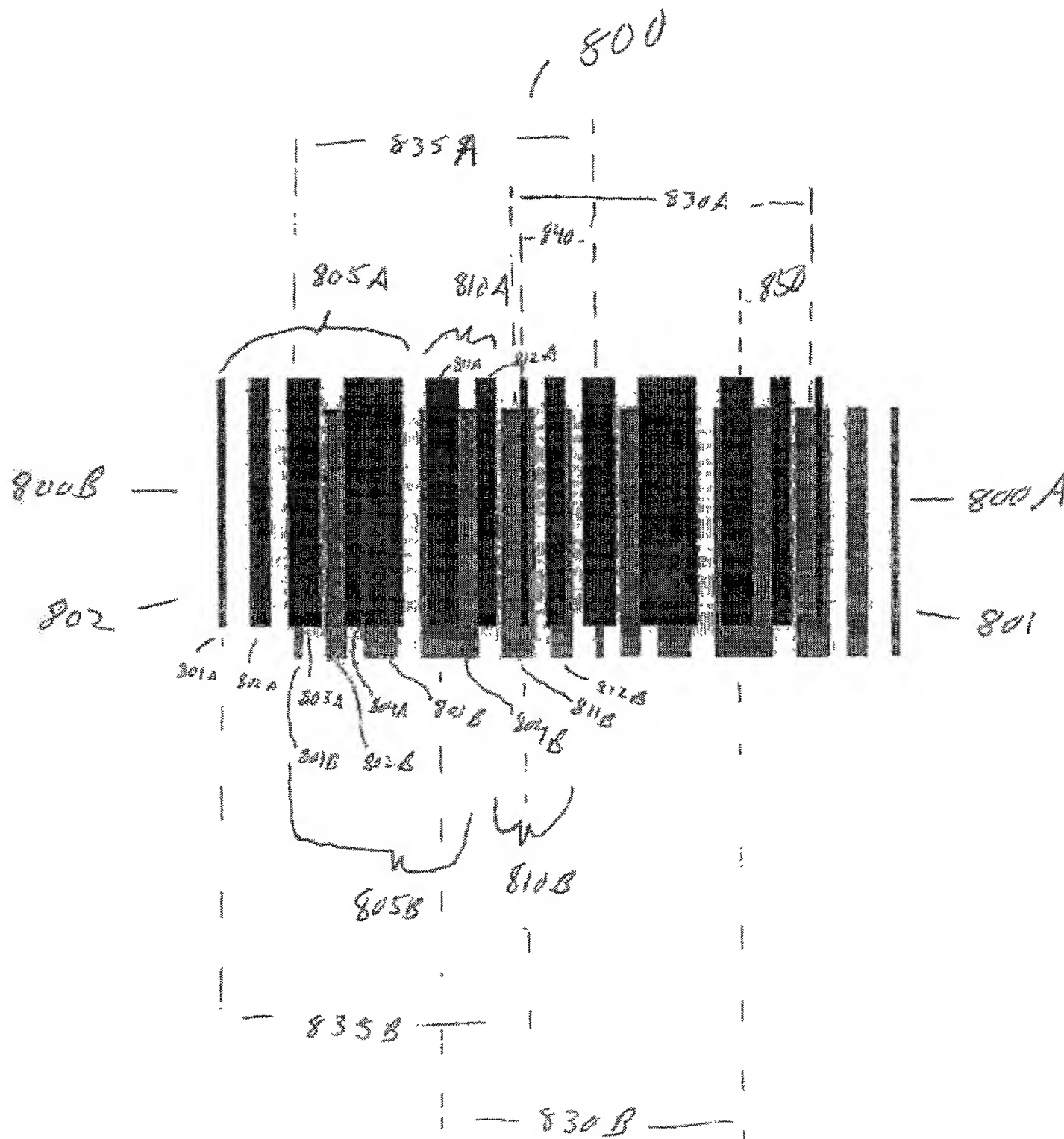
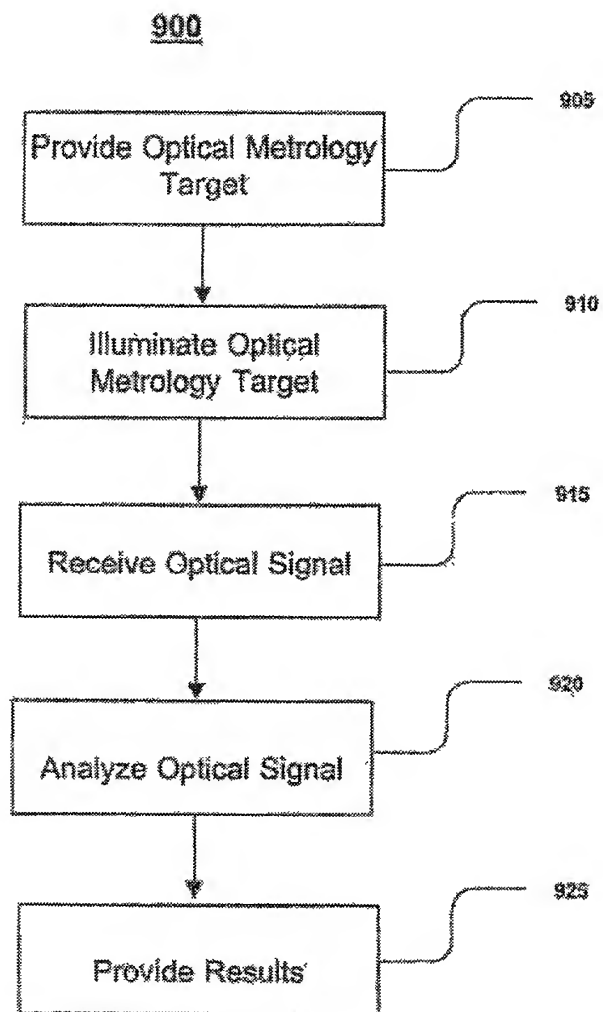


Figure 8.



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OPTICAL METROLOGY TARGET DESIGN FOR  
SIMULTANEOUS MEASUREMENT OF MULTIPLE PERIODIC  
STRUCTURES**Fig. 9**